

Dr. Kristen Bomblies

The Bomblies lab is primarily focused on using approaches ranging from genomics to detailed functional follow-up to understand the evolutionary process. The group seeks to understand how and why proteins evolve the way they do, currently with a particular focus on the evolution of meiosis in polyploids. Kirsten obtained a BA in Biochemistry in 1996 from the University of Pennsylvania in Philadelphia, and then worked for three years as a research assistant at the Salk Institute in La Jolla, California. She obtained a PhD in Genetics 2004 from the University of Wisconsin, Madison, where she worked with John Doebley studying candidate genes potentially involved in the domestication of maize. She did a postdoc at the Max Planck Institute for Developmental Biology in Tuebingen, Germany from 2004 to 2009 with Detlef Weigel working on autoimmunity in plants, before taking up a position as Assistant Professor, and later Thomas D. Cabot Associate Professor, at Harvard University. Since 2015, she has been at the John Innes Centre, in Norwich, UK. She was awarded a MacArthur Fellowship in 2008 and currently holds an ERC Consolidator Grant from the European Union for her work on meiosis.

